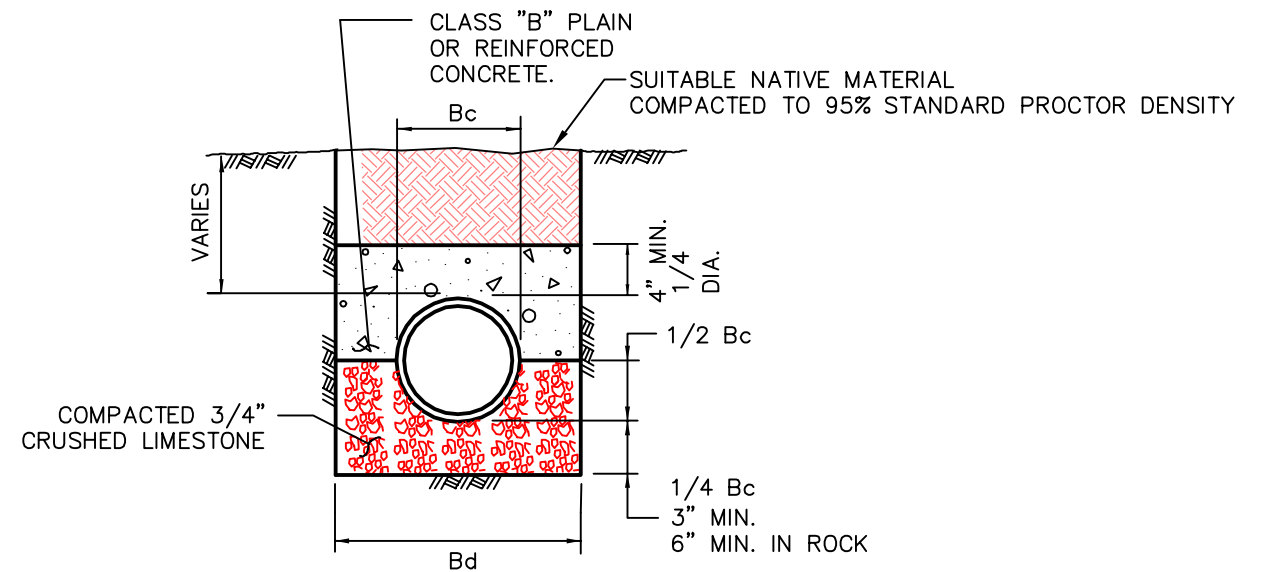


CLASS "A"

CLASS "B" CONCRETE CRADLE  
PLAIN CONC. LF 2.8  
REINF. CONC. LF 3.4 P=0.4%  
N.T.S.



CLASS "A-1"

CLASS "B" CONCRETE CRADLE  
PLAIN CONC. LF 2.8  
REINF. CONC. LF 3.4 P=0.4%  
REINF. CONC. LF 4.8 P=1.0%  
N.T.S.


NOTES:

1. LF. = LOAD FACTOR TO BE USED TO DETERMINE 3 EDGE BEARING BASED ON TYPE OF EMBEDMENT.
2. FREE-FALL OF CONCRETE NOT TO EXCEED 5 FT.
3. P = Rho FOR STEEL %
4. Bc = OUTSIDE DIAMETER OF PIPE
5. Bd = TRENCH WIDTH
6. GREEN TRACER TAPE SHALL BE PLACED OVER ALL SANITARY SEWER MAINS.
7. BLUE TRACER WIRE, AWG #12, SHALL BE PLACED OVER ALL WATER MAINS AND ROUTED THROUGH VALVE STACKS.
8. CLASS "A" AND "A-1" EMBEDMENT MAY BE USED WHEN APPROVED BY THE CITY ENGINEER FOR EMBEDMENT OF A WATER OR SANITARY SEWER PIPE WHICH PASSES BENEATH A STORM DRAIN PIPE.

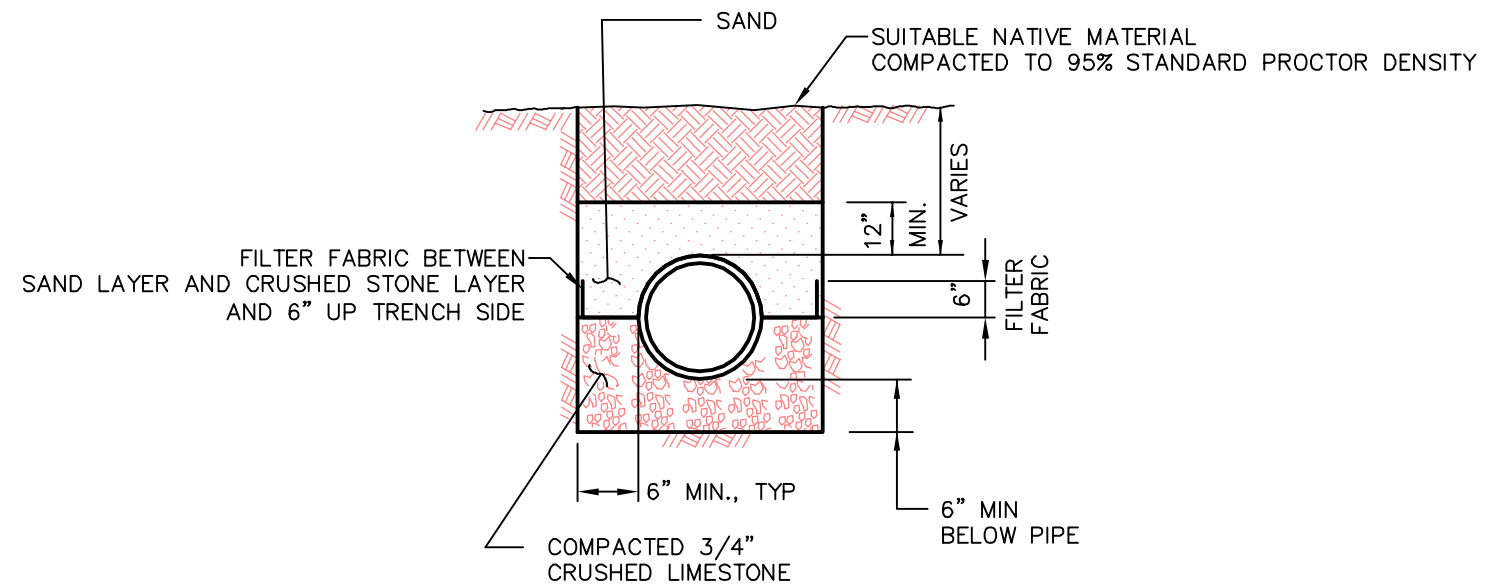
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 504, 702. STANDARD DETAIL 3010
					EMBEDMENT	
					CLASS "A" AND "A-1"	
					CITY OF COPPELL DALLAS COUNTY, TEXAS	
NO.	LOCAL EXCEPTION	BY	DATE			

PATH: S:\Standard\_Details\New\_Dets\_modified\SDCoppel2005.dwg




STORM DRAIN EMBEDMENT  
N.T.S.

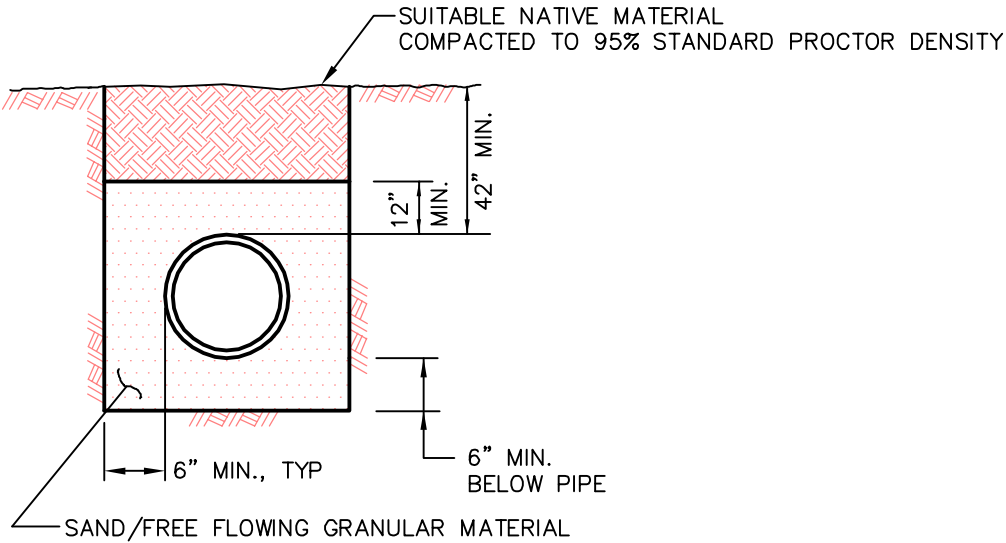
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD  
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
					EMBEDMENT	508.
					STORM DRAIN	STANDARD DETAIL
					CITY OF COPPELL DALLAS COUNTY, TEXAS	3020
NO.	LOCAL EXCEPTION	BY	DATE			

PATH: s:\Standard\_Details\New\_Deta\_modified\SDCoppel2005.dwg



WATER MAIN EMBEDMENT

(UNLESS MODIFIED BY APPROVED CONSTRUCTION PLANS)  
N.T.S.


NOTES:

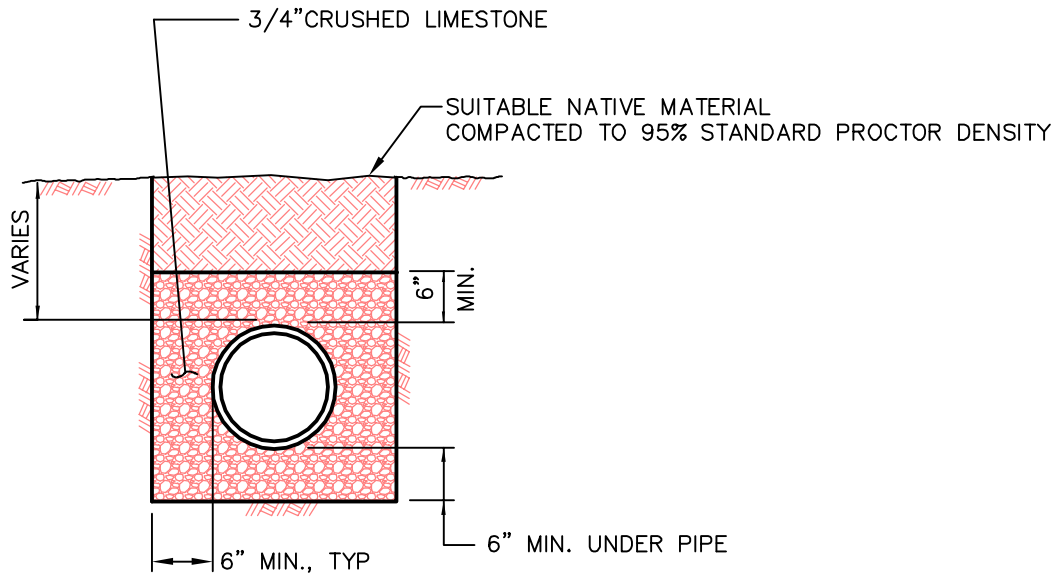
- 1. BLUE TRACER WIRE, AWG #12, SHALL BE PLACED OVER ALL WATER MAINS AND ROUTED THROUGH VALVE STACKS.
- 2. WATER LINE MINIMUM COVER IS 42" TO TOP OF PIPE.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 504., 506. STANDARD DETAIL 3030
					EMBEDMENT	
					WATER MAIN	
					CITY OF COPPELL DALLAS COUNTY, TEXAS	
NO.	LOCAL EXCEPTION	BY	DATE			



SANITARY SEWER LINE EMBEDMENT

(UNLESS MODIFIED BY APPROVED CONSTRUCTION PLANS)

N.T.S.

NOTE:

1. GREEN TRACER TAPE SHALL BE PLACED OVER ALL SANITARY SEWER MAINS.

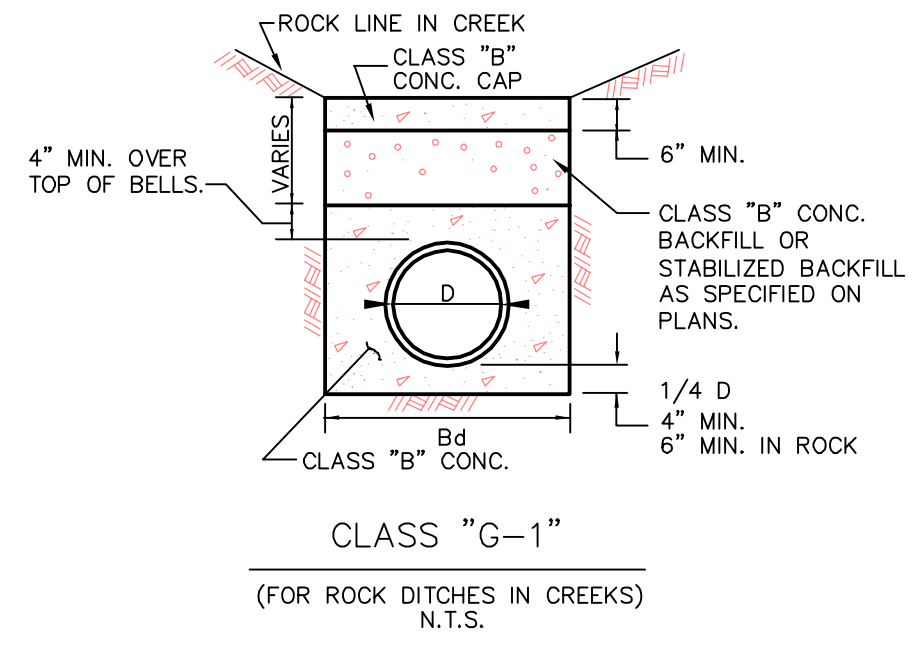
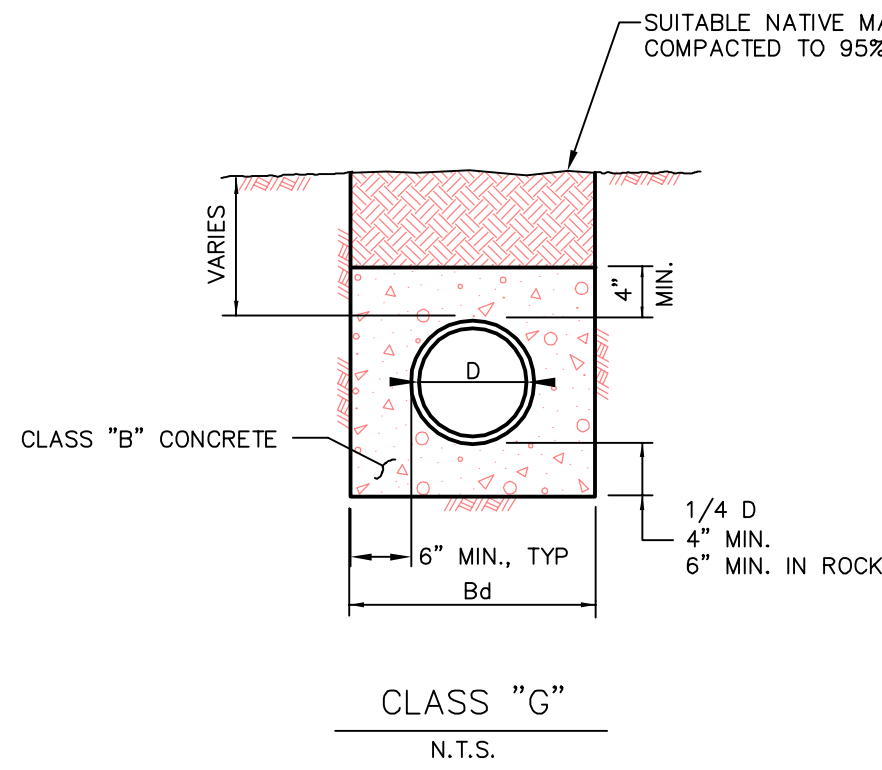
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 504., 507. STANDARD DETAIL 3050
					EMBEDMENT SANITARY SEWER	
					CITY OF COPPELL DALLAS COUNTY, TEXAS	
NO.	LOCAL EXCEPTION	BY	DATE			

PATH: s:\Standard\_Details\New\_Dets\_modified\SDCoppel2005.dwg




- NOTES:**
1. D = INSIDE DIAMETER OF PIPE
  2. Bd = TRENCH WIDTH
  3. TRACER TAPE SHALL BE PLACED OVER ALL SANITARY SEWER MAINS.
  4. BLUE TRACER WIRE, AWG #12, SHALL BE PLACED OVER ALL WATER MAINS.

PATH: S:\Standard\_Details\New\_Deta\_modified\SDCoppel2005.dwg

North Central Texas Council of Governments

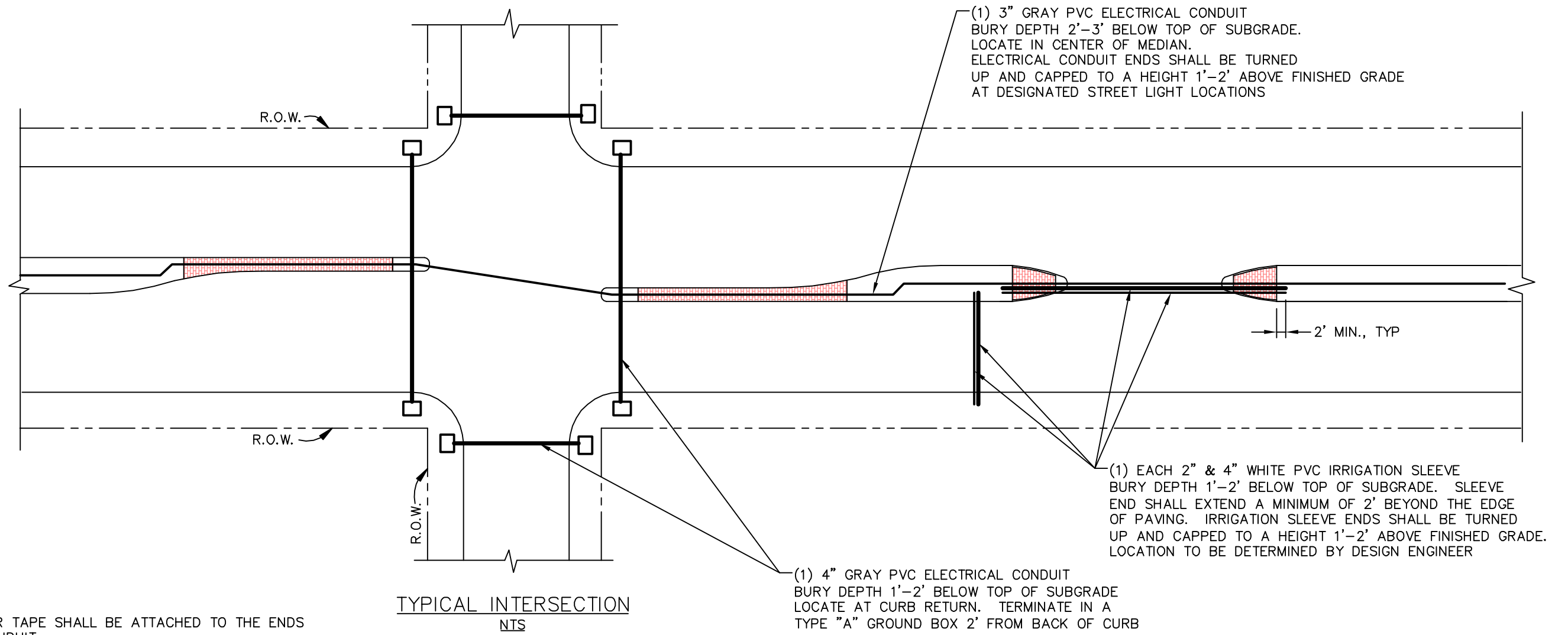


**NOTE:** STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
					EMBEDMENT	504., 702.
					CLASS "G" AND "G-1"	STANDARD DETAIL
						3060
NO.	LOCAL EXCEPTION	BY	DATE		CITY OF COPPELL DALLAS COUNTY, TEXAS	








- NOTES:
- 1. RED MARKER TAPE SHALL BE ATTACHED TO THE ENDS OF THE CONDUIT.
  - 2. THE LOCATION OF THE INTERSECTION OF THE CONDUIT AND THE BACK OF PAVING SHALL BE MARKED WITH A CHISELED "X" AND RED PAINT.
  - 3. A NYLON CORD SHALL BE PLACED IN ALL CONDUIT UNDER PAVEMENT. CORD SHALL EXTEND A MINIMUM OF 1' FROM THE CONDUIT END.
  - 4. ALL PIPE JOINTS SHALL BE SOLVENT WELDED.
  - 5. ALL CONDUIT/SLEEVING SHALL BE SCHEDULE 40.



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

PATH: s:\Standard\_Details\New\_Deta\_modified\SDCoppel2005.dwg

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE 805.
					GENERAL UNDERGROUND CONDUIT	
					IRRIGATION SLEEVING AND ELECTRICAL CONDUIT	STANDARD DETAIL
						3095
NO.	LOCAL EXCEPTION	BY	DATE			

GENERAL UNDERGROUND CONDUIT  
GENERAL NOTES AND TESTING


1. CONDUIT SHALL NOT BE PLACED WHERE IT IS LIKELY TO BE DAMAGED.

PATH: S:\Standard\_Details\New\_Deta\_modified\SDCoppel2005.dwg

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD  
DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS	STD. SPEC. REFERENCE
					GENERAL UNDERGROUND CONDUIT	STANDARD DETAIL 3100
					GENERAL NOTES AND TESTING	
					CITY OF COPPELL DALLAS COUNTY, TEXAS	
NO.	LOCAL EXCEPTION	BY	DATE			